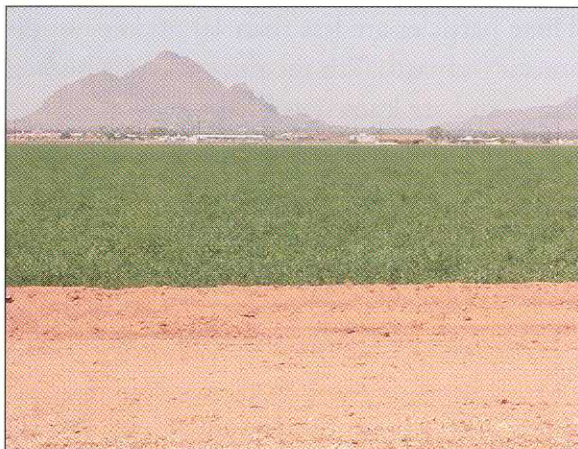

Agriculture Improving Air Quality



Arizona Department
of Agriculture
Agricultural Consultation
and Training Program



Tel: (602) 542-3484

Arizona Department of Agriculture
Agricultural Consultation and Training
1688 West Adams Street
Phoenix, Arizona 85007

What are some ways to reduce agricultural PM₁₀?

- ◆ Limit activity during high wind events
- ◆ Grow a multi-year crop
- ◆ Create an artificial wind barrier
- ◆ Apply an aggregate cover to unpaved farm roads and parking areas
- ◆ Limit bare soil by sequential cropping
- ◆ Till soil surface to maintain large clods of soil



This document available in alternative formats by contacting the agency's ADA Coordinator at (602) 542-4316 (Voice) or 1-800-367-3839 (TTY Relay).

What is PM₁₀?

Particulate matter consists of very small particles floating in the air. Of greatest concern to public health are the particles small enough to be inhaled into the deepest parts of the lungs. These particles are less than 10 microns in diameter – about 1/7th the thickness of a human hair – and are known as PM₁₀.

PM₁₀ is a component of air pollution that threatens both our health and our environment.

Where does PM₁₀ come from?

PM₁₀ emissions come from many sources including wild fires, diesel exhaust, aircraft and activities that disturb the soil such as unpaved roads, vacant lots, construction sites and agriculture.



How is agricultural PM₁₀ being addressed?

The Governor's Agricultural Best Management Practices Committee developed an agricultural PM₁₀ general permit that contains best management practices (BMPs) for agricultural activities in the Maricopa County PM₁₀ non-attainment area. The BMPs are intended to reduce particulate emissions from tilling and harvesting activities on cropland and from non-cropland areas such as farm roads and ditch banks. Implementation of BMPs is a feasible, effective and common sense practice to improve air quality.

Where can I learn more?

You can learn more about regulated agricultural activities and PM₁₀ Best Management Practices by contacting Marcia Colquitt, Field Consultant, at the Arizona Department of Agriculture, Agricultural Consultation and Training Program at:

(602) 542-3484

or

(800) 294-0308

toll-free outside the Phoenix area

marcia.colquitt@agric.state.az.us

The Agricultural Consultation and Training Program is a voluntary and non-regulatory compliance assistance program for commercial farmers.

www.agriculture.state.az.us/ACT

On-Site Visit Request

Check items you are interested in receiving more information on.

- ☐ AG PM₁₀ General Permit requirements in Maricopa County PM₁₀ non-attainment area
- ☐ AG BMP implementation options
- ☐ Federal, state and local air quality regulation
- ☐ Identification of compliance difficulties
- ☐ Dust control alternatives for non-cropland

Date

Contact Name

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Physical Address

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